

Sub-domain 1179
DERWENT-ACC-NO: 2002-212449
DERWENT-WEEK: 200227
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TITLE: Effective domain usage method for internet,
involves providing several
domain name information to mail address or sub-domain for
accessing by user
using search keywords

PATENT-ASSIGNEE: OBUCHI Y[OBUCI]

PRIORITY-DATA: 2000JP-0219983 (July 21, 2000)

PATENT-FAMILY:

PUB-NO	PUB-DATE	LANGUAGE
PAGES	MAIN-IPC	
JP 2002041834	February 8, 2002	N/A
004	G06F 017/60	
A		

APPLICATION-DATA:

PUB-NO	APPL-DESCRIPTOR	APPL-NO
APPL-DATE		
JP2002041834A	N/A	2000JP-0219983
July 21, 2000		

INT-CL (IPC): G06F017/30; G06F017/60

ABSTRACTED-PUB-NO: JP2002041834A

BASIC-ABSTRACT: NOVELTY - Several domain name information
are stored in a
database. The stored information is assigned to mail
address or sub-domain and
is provided to the user for access. The mail address and
sub-domains are
assigned as combination of two or more search keywords.

USE - For providing domain name to mail address and to URL
name, during home
page transmission for internet.

ADVANTAGE - Facilitates effective utilization of domain
with URL name of a
homepage and mail address according to user's desire.

DESCRIPTION OF DRAWING(S) - The figure shows the schematic view explaining domain usage method. (Drawing includes non-English language text).

CHOSEN-DRAWING: Dwg.1/1

TITLE-TERMS:

EFFECT DOMAIN METHOD DOMAIN NAME INFORMATION MAIL ADDRESS
SUB DOMAIN ACCESS
USER SEARCH KEYWORD

DERWENT-CLASS: T01

EPI-CODES: T01-J05B;

SECONDARY-ACC-NO:

Non-CPI Secondary Accession Numbers: N2002-162413

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特開2002-41834

(P2002-41834A)

(43) 公開日 平成14年2月8日(2002.2.8)

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G 0 6 F 17/60	3 1 4	G 0 6 F 17/60	3 1 4	5 B 0 4 9
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	1 3 2		1 3 2	
	3 0 2		3 0 2 C	
	3 1 8		3 1 8 H	
審査請求 未請求 請求項の数 3 O L (全 4 頁) 最終頁に続く				

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(22) 出願日 平成12年7月21日(2000.7.21)

(71) 出願人 300043967

大淵 靖文

東京都江東区東雲2-7-5-2509

(72) 発明者 大淵 靖文

東京都江東区東雲2丁目7番5-2509号

Fターム(参考) 5B049 BB00 CC02 CC06 CC36 DD01

DD05 EE01 EE05 FF03 FF04

FF09 GG04 GG07

5B075 KK03 KK07 KK13 KK33 KK39

ND03 ND20 ND23 ND34 PP02

PP12 PP13 PP30 PQ02 PQ32

PQ46 UU24

(54) 【発明の名称】 ドメインの有効活用方法

(57) 【要約】

【課題】インターネットで利用されるドメイン名の取得は先着順であるため、自分好みのドメイン名のメールアドレスやURLを使用したいと思っても、使用することは難しい。

【解決手段】メールアドレスを希望する者や自分好みのサブドメイン名を使ったURL名で情報発信を希望する者と、他人に未使用のメールアドレスやサブドメイン名を使用させてもよいというドメイン管理者の間に立ち、メールアドレス名やサブドメイン名を仲介するインターネット上のシステムを構築し、そのシステムを広く一般の人に利用してもらうことにより解決する。

【特許請求の範囲】

【請求項1】複数のドメイン名情報をデータベースに蓄え、請求項2に示す方法等によりメールアドレスを割り振り、第3者へ仲介するしくみ。または、請求項3に示す方法等によりサブドメインを割り振り、第3者へ仲介するしくみ。

【請求項2】検索キーワード1、および検索キーワード2に指定された、それぞれ複数のキーワードをもとに、メールアドレスの組み合わせ作成し、その組み合わせにより、ドメイン情報のデータベースを検索し、メールアドレス名を発番するしくみ。

【請求項3】検索キーワード1、および検索キーワード2に指定された、それぞれ複数のキーワードをもとに、サブドメイン名の組み合わせ作成し、その組み合わせにより、ドメイン情報のデータベースを検索し、サブドメイン名を発番するしくみ。

【発明の詳細な説明】

【0001】

【発明が属する技術分野】本発明は、インターネットで使用されるドメイン名の有効活用に関するものである。

【0002】

【従来の技術】個人の一般的なインターネットユーザーは、通常プロバイダーの発行したメールアドレスを利用している。このメールアドレス名は、プロバイダーのドメイン名を含んでおり、個人にはあまり関係のないものである。また、ホームページを発信する場合のURL名についても同様である。

【0003】

【発明が解決しようとする課題】一般のインターネットユーザーは、自分が希望するメールアドレス名を使用したいと思っても、ドメイン名が既に取得されていたり、多額の費用がかかるため、それをあきらめている場合が多い。同様に、自分好みのURL名で情報発信したいと思っても、そうできない場合が多い。

【0004】一方、個人でドメインを取得した人は、ドメイン管理料や、サーバー使用料等の維持費を支払っているが、そのドメインを利用したメールアドレスの数や、利用しているサブドメインの数は、そう多くはないと推測される。

【0005】メールアドレスやサブドメインをサービスする会社等は数多く存在するが、それはその会社等が取得したドメインを利用させるもので、そのドメインの種類には限りがある。また、一般のインターネットユーザーは、自分が希望するメールアドレス名やサブドメイン名で利用できる所を探すことは、容易ではない。

【0006】本発明が、解決しようとしている課題は、上記のような人たちの間に立ち、多くの人にドメインを有効利用させることである。

【0007】

【課題を解決するための手段】本発明は、自分好みのメ

ールアドレス名を希望する者やサブドメイン名を希望する者（以下、「利用者」と呼ぶ）と、他人に未使用のメールアドレスやサブドメイン名を使用させてもよいというドメイン管理者（以下、「ドメイン管理者」と呼ぶ）を仲介することにより解決する。

【0008】

【発明の実施の形態】インターネットのウェブサーバ上に、以下のホームページ、データベース、および処理プログラムを用意し、利用者とドメイン管理者の間に立ち、メールアドレス名使用、またはサブドメイン名使用の仲介をする。

【0009】1. 使用済みメールアドレス名（または、使用済みサブドメイン名）のデータベース
複数のドメイン管理者から、ドメイン名・使用済みメールアドレス名（または、使用済みサブドメイン名）等の情報を入手し、これをデータベース化する。

【0010】2. メールアドレス名（または、サブドメイン名）検索システム

利用者のために、以下のような検索用のページを用意する。また、この検索結果から、申込みのページへリンクさせる。

【0011】1) 利用者が自分の希望するメールアドレス名（または、サブドメイン名）を入力することにより、上記データベースの検索を行い、その検索結果を表示させる。

【0012】2) 登録済みのドメイン名一覧を表示させ、その中の1つを利用者が選択、希望するキーワードを入力することにより、上記データベースの検索を行い、その検索結果を表示させる。

【0013】3) 利用者が希望するキーワードを入力することにより、以下に示す実施例のような検索を行い、いくつかのメールアドレス名（または、サブドメイン名）候補を表示させる。

【0014】

【実施例】○メールアドレス名の検索例

検索キーワード1

1stname, 1stnickname

検索キーワード2

2ndname, 2ndnickname

検索結果

1stname@2ndname.com

1stname@2ndnickname.org

1stnickname@2ndnickname.net

2ndname@1stname.co.jp

2ndname@1stnickname.to

2ndnickname@1stnickname.nu

【0015】○サブドメイン名の検索例

検索キーワード1

1stname, 1stnickname

検索キーワード2

2ndname , **2ndnickname**

檢索結果

(www.)1stname.2ndname.com

(www.)1stname.2ndnickname.org

(www.)1stnickname.2ndnickname.net

【0016】3. メールアドレス名（または、サブドメイン名）予約システム

希望にあうメールアドレス名（または、サブドメイン名）がなかった場合でも、上記2の登録内容を予約でき、新たなドメイン名が登録され、希望にあうメールアドレス名（または、サブドメイン名）が見つかった時に、利用者に連絡する。

【0017】4. メールアドレス名（または、サブドメイン名）仲介システム

仲介システムは、利用者が申込みしたメールアドレス名（または、サブドメイン名）をキープし、そのメールアドレス（または、サブドメイン名）を使用可能にするために、ドメイン管理者へ連絡する。

【0018】ドメイン管理者からのメール使用環境設定

終了の連絡をもらい、利用者へ連絡すること、またはドメイン管理者から直接利用者へメール使用環境設定終了の連絡をすることにより、本仲介は完結する。

【0019】なお、ドメイン管理者の設定作業は、別の者または自動システムが代行する場合についても同等である。

【0020】

【発明の効果】本発明を利用することにより、ドメイン管理者は、利用者からの利用料により、収入を得ることができるようになる。

【0021】利用者は、これまでプロバイダー等のドメイン名しかなかったメールアドレスや、ホームページのURL名を自分好みの名前を選択して利用できるようになる。

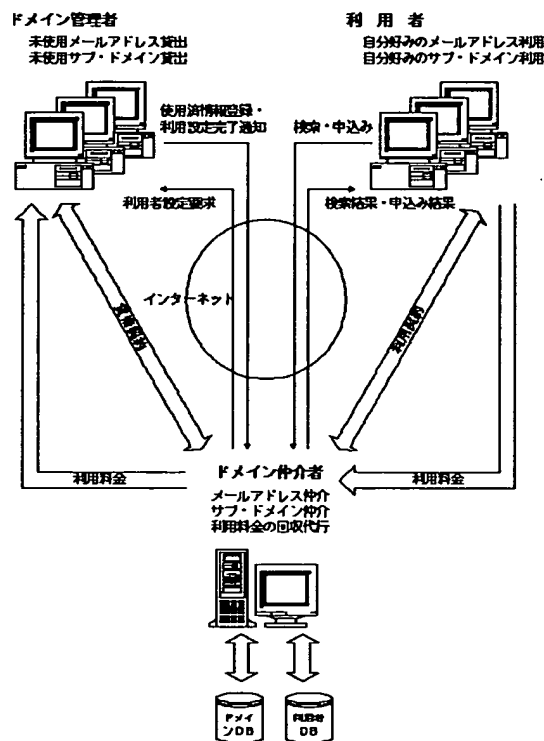
【0022】メールアドレス名やサブドメイン名を仲介するウェブサイトにおいても、仲介手数料や、広告収入を得ることができるようになる。

【図面の簡単な説明】

【図1】本発明の請求項1についての実施例である。

【图1】

ドメイン有効活用の実施例



(4)

特開2002-41834

フロントページの続き

(51)Int. Cl.⁷

G06F 17/30

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PATENT ABSTRACTS OF JAPAN

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G06F 17/30

(21)Application number : 2000-219983

(71)Applicant : OBUCHI YASUFUMI

(22)Date of filing : 21.07.2000

(72)Inventor : OBUCHI YASUFUMI

(54) METHOD FOR EFFECTIVELY UTILIZING DOMAIN

(57)Abstract:

PROBLEM TO BE SOLVED: To solve the problem that it is difficult to use the mail address or URL of a favorite domain name even when it is desired since the domain name to be used on the Internet is acquired in the order of arrival.

SOLUTION: The system for mediating the mail address name or the sub-domain name is constructed on the Internet between a person, who desires a mail address name or desires to transmit information with a URL name using a favorite sub-domain name, and a domain manager, who permits the use of a mail address or sub-domain name non-used for the other person, thus the system is widely utilized by general persons to solve the above mentioned problem.

LEGAL STATUS

[Date of request for examination]

[Date of sending the examiner's decision of rejection]

[Kind of final disposal of application other than the examiner's decision of rejection or application converted registration]

[Date of final disposal for application]

[Patent number]

[Date of registration]

[Number of appeal against examiner's decision of rejection]

[Date of requesting appeal against examiner's decision of rejection]

[Date of extinction of right]

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DETAILED DESCRIPTION

[Detailed Description of the Invention]

[0001]

[The technical field to which invention belongs] this invention relates to effective use of the domain name used by the Internet.

[0002]

[Description of the Prior Art] The individual common Internet user uses the mail address which the provider usually published. This mail address name contains a provider's domain name, and it is almost unrelated to an individual. Moreover, the same is said of the URL name in the case of sending a homepage.

[0003]

[Problem(s) to be Solved by the Invention] Even if the general Internet user wants to use the mail address name for which he wishes, the domain name is already acquired or, for this reason, a large amount of costs have given up it in many cases. Similarly, even if he wants to carry out information dispatch by the URL name of oneself liking, it cannot do in many cases so.

[0004] It is surmised that there are neither so many number of the mail addresses using the domain nor sub-domains which are used on the other hand although the person who acquired the domain individually has paid sustaining costs, such as a charge of domain management and a server rental fee.

[0005] Although many companies which serve a mail address and a sub-domain exist, it makes the domain which the company etc. acquired use, and there is a limitation in the kind of the domain. Moreover, the general Internet user is not easy for looking for the place which can be used by the mail address name for which he wishes, or the sub-domain name.

[0006] The technical problem which this invention is going to solve is standing among the above persons and making many people use a domain effectively.

[0007]

[Means for Solving the Problem] this invention is solved by mediating those who wish for the mail address name of oneself liking, those (it being hereafter called a "user") who wish for a sub-domain name, and the domain manager (it being hereafter called a "domain manager") of making others use an intact mail address and a sub-domain name.

[0008]

[Embodiments of the Invention] On the Web server of the Internet, the following homepages, a database, and a processing program are prepared, it stands between a user and a domain manager, and agency of mail address name use or sub-domain name use is carried out.

[0009] 1. From the domain manager of database plurality of a used mail address name (or used sub-domain name), information, such as a domain name and a used mail address name (or used sub-domain name), comes to hand, and database-ize this.

[0010] 2. The following pages for reference are prepared for a mail address name (or sub-domain name) retrieval system user. Moreover, it is made to link to the page of an application from this reference result.

[0011] 1) By inputting the mail address name (or sub-domain name) for which he wishes, a user searches the above-mentioned database and displays the reference result.

[0012] 2) By displaying a registered domain name list and inputting the keyword of which a user chooses and expects one in it, search the above-mentioned database and display the reference result.

[0013] 3) By inputting the keyword which a user wishes, perform reference like the example shown below and display some mail address name (or sub-domain name) candidates.

[0014]

[Example] O Example reference keyword of reference 1 1stname of a mail address name, 1stnickname reference keyword 2ndname, 2ndnickname reference result

1stname@2ndname.com 1stname@2ndnickname.org 1stnickname@2ndnickname.net 2ndname@1stname.co.jp 2ndname@1stnic

[0015] O Example reference keyword of reference 1 1stname of a sub-domain name, 1stnickname reference keyword

2ndname, 2ndnickname reference result (www.) 1stname.2ndname.com (www.) 1stname.2ndnickname.org (www.) 1stnickname.2ndnickname.net. [0016] 3. Even when there is no mail address name (or sub-domain name) which suits mail address name (or sub-domain name) reservation system hope, the content of registration of the above 2 can be reserved, a new domain name is registered, and a user is contacted when the

mail address name (or sub-domain name) which suits hope is found.

[0017] 4. A mail address name (or sub-domain name) agency system agency system is connected to a domain manager, in order to save the mail address name (or sub-domain name) to which the user proposed and to make usable the mail address (or sub-domain name).

[0018] This agency is completed getting connection of the mail operating-environment setting end from a domain manager, and contacting a user, or by connecting a mail operating-environment setting end to a direct user from a domain manager.

[0019] In addition, a setup of a domain manager is equivalent also about the case where someone else or an automatic system executes by proxy.

[0020]

[Effect of the Invention] By using this invention, a domain manager can obtain an income now by the charge of use from a user.

[0021] A user chooses the mail address which had only domain names, such as a provider, until now, and the URL name of a homepage in the name of oneself liking, and can use them now.

[0022] Brokerage and an advertising income can be obtained now also in the website which mediates a mail address name and a sub-domain name.

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MEANS

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EXAMPLE

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[0015] O Example reference keyword of reference 1 1stname of a sub-domain name, 1stnickname reference keyword 2ndname, 2ndnickname reference result (www.)
1stname.2ndname.com (www.) 1stname.2ndnickname.org (www.) 1stnickname.2ndnickname.net. [0016] 3. Even when there is no mail address name (or sub-domain name) which suits mail address name (or sub-domain name) reservation system hope, the content of registration of the above 2 can be reserved, a new domain name is registered, and a user is contacted when the mail address name (or sub-domain name) which suits hope is found.
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DESCRIPTION OF DRAWINGS

[Brief Description of the Drawings]

[Drawing 1] It is an example about the claim 1 of this invention.

[Translation done.]

NOTICES

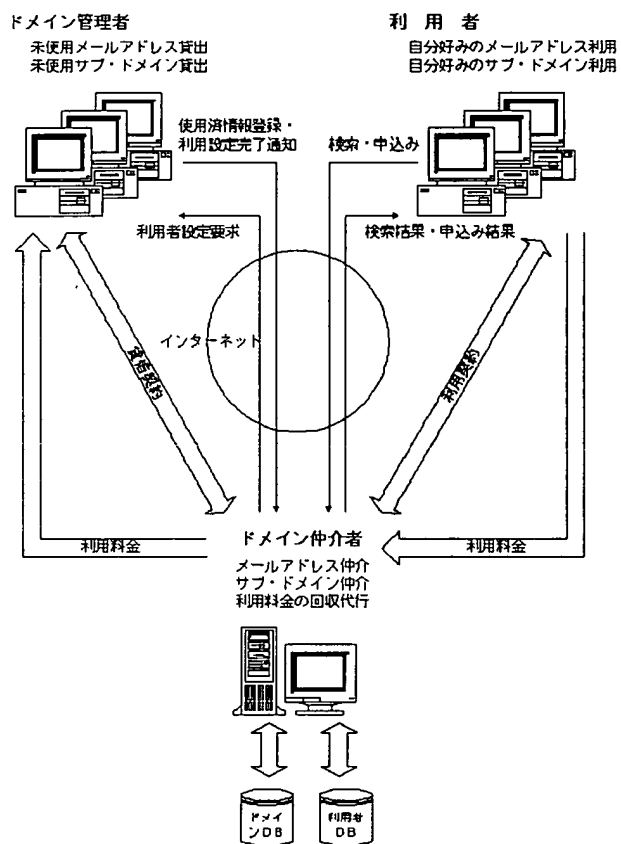
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DRAWINGS

[Drawing 1]

ドメイン有効活用の実施例



[Translation done.]